

5                   METHOD, SYSTEM, AND PROGRAM FOR MANAGING  
                  DATA TRANSMISSION THROUGH A NETWORK

ABSTRACT

Provided are a method, system, and program for managing data transmission from a  
10 source to a destination through a network. The destination imposes a window value on the source which limits the quantity of data packets which can be sent from the source to the destination without receiving an acknowledgment of being received by the destination. In one embodiment, the source imposes a second window value, smaller than the destination window value, which limits even further the quantity of data packets which can be sent from the source  
15 to the destination without receiving an acknowledgment of being received by the destination. In another embodiment, a plurality of direct memory access connections are established between the source and a plurality of specified memory locations of a plurality of destinations. The source imposes a plurality of message limits, each message limit imposing a separate limit for each direct memory access connection on the quantity of messages sent from the source to  
20 the specified memory location of the direct memory access connection associated with the message limit and lacking a message acknowledgment of being received by the destination of the direct memory access connection associated with the message limit.